Name of Work:Improvements to roads and drains at 4th A Cross and 1st B Main and surrounding area of B Sector in Ward No.04

Detailed Measurements									
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications								
	Vide Premeasurement page no.					2182.74			
					Present Qty	**2182.74**	**Cum**	**225.94**	**493168.50**
2	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per								
	Vide Premeasurement page no.					0.00			
					Present Qty	**0.00**	**Cum**	**1995.10**	**0.00**
3	b) 20 mm Jelly								
	Vide Premeasurement page no.					0.00			
					Present Qty	**0.00**	**Cum**	**1995.10**	**0.00**
4	c) Coarse Sand								
	Vide Premeasurement page no.					0.00			
					Present Qty	**0.00**	**Cum**	**2782.22**	**0.00**
5	d) Fine Sand								
	Vide Premeasurement page no.					0.00			
					Present Qty	**0.00**	**Cum**	**2782.22**	**0.00**
6	e) 12.5mm Chips								
	Vide Premeasurement page no.					0.00			
					Present Qty	**0.00**	**Cum**	**1995.10**	**0.00**
7	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984- 995 with latest amendments and conveyingto work site including loading and unloading at both destinations and rolling and lowering Into trenches, laying true to								
	Vide Premeasurement page no.					0.00			
					Present Qty	**0.00**	**Cum**	**11358.02**	**0.00**
8	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified indrawings or as approved by Engineer Incharge. Data Rate								
	Vide Premeasurement page no.					0.00			
					Present Qty	**0.00**	**Cum**	**74.55**	**0.00**

NEWZEN CONSULTANT * Bangalore *

Ramanjeevaraj.

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Sln No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
9	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically								
	Vide Premeasurement page no.					430.35			
	Present Qty					**430.35**	**Cum**	**5690.28**	**2448834.76**
10	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine								
	Vide Premeasurement page no.					748.36			
	Present Qty					**748.36**	**Cum**	**7420.17**	**5552941.35**
11	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall								
	Vide Premeasurement page no.					39.12			
	Present Qty					**39.12**	**Cum**	**77654.86**	**3037734.26**

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Assistant Engineer

Asst. Executive Engineer

Name of Work:Improvements to roads and drains at 4th A Cross and 1st B Main and surrounding area of B Sector in Ward No.04

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
12	Providing and Fixing **pre cast covering Slab** made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)						
	RCC Drain						
	Ganesha Park						
	6th A Main Road						
	LHS						
	Ch: 0.00 to Ch 30.00	1	30.00	0.90		27.00	
	Ch: 30.00 to Ch 52.70	1	22.70	0.90		20.43	
	Culvert						
	Ch: 52.70 to Ch 82.70	1	30.00	0.90		27.00	
	Ch: 82.70 to Ch 112.70	1	30.00	0.90		27.00	
	Ch: 112.70 to Ch 142.70	1	30.00	0.90		27.00	
	Ch: 142.70 to Ch 172.70	1	30.00	0.90		27.00	
	Ch: 172.70 to Ch 202.70	1	30.00	0.90		27.00	
	Ch: 202.70 to Ch 232.70	1	30.00	0.90		27.00	
	Ch: 232.70 to Ch 262.70	1	30.00	0.90		27.00	
	Ch: 262.70 to Ch 282.70	1	19.30	0.90		17.37	
	Culvert						
	Ch: 282.70 to Ch 312.70	1	30.00	0.90		27.00	
	Ch: 312.70 to Ch 342.70	1	30.00	0.90		27.00	
	Ch: 342.70 to Ch 357.20	1	15.20	0.90		13.68	
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00	0.90		27.00	
	Ch: 30.00 to Ch 45.10	1	15.10	0.90		13.59	
	Gap						
	Ch: 45.10 to Ch 72.10	1	27.00	0.90		24.30	
	Gap						
	Ch: 72.10 to Ch 102.10	1	30.00	0.90		27.00	
	Ch: 102.10 to Ch 123.30	1	21.20	0.90		19.08	
	Gap						
	Ch: 123.30 to Ch 136.20	1	12.90	0.90		11.61	
	Gap						
	Ch: 136.20 to Ch 143.80	1	7.60	0.90		6.84	
	Gap						

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Ramasanjeevaiah
Asst. Engineer
19/04/2021

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 143.80 to Ch 171.00	1	27.20	0.90		24.48	
	Gap						
	Ch: 171.00 to Ch 201.00	1	30.00	0.90		27.00	
	Ch: 201.00 to Ch 223.70	1	22.70	0.90		20.43	
	Road Gap						
	Ch: 223.70 to Ch 227.40	1	3.70	0.90		3.33	
	Gap						
	Ch: 227.40 to Ch 229.60	1	2.20	0.90		1.98	
	Gap						
	Ch: 229.60 to Ch 234.90	1	5.30	0.90		4.77	
	Gap						
	Ch: 224.90 to Ch 251.20	1	16.30	0.90		14.67	
	12th A Cross						
	LHS						
	Ch: 0.00 to Ch 21.50	1	21.50	0.90		19.35	
	Shankarnag Park						
	12th B Cross From 4th B Main Rd						
	LHS						
	Ch: 0.00 to Ch 30.00	1	30.00	0.90		27.00	
	Ch: 30.00 to Ch 60.00	1	30.00	0.90		27.00	
	Ch: 60.00 to Ch 90.00	1	30.00	0.90		27.00	
	Ch: 90.00 to Ch 102.70	1	12.70	0.90		11.43	
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00	0.90		27.00	
	Ch: 30.00 to Ch 60.00	1	30.00	0.90		27.00	
	Ch: 60.00 to Ch 74.20	1	14.20	0.90		12.78	
	Gap						
	Ch: 74.20 to Ch 104.00	1	29.80	0.90		26.82	
	3rd B Main From 12th B Cross						
	LHS						
	Ch: 0.00 to Ch 30.00	1	30.00	0.90		27.00	
	Ch: 30.00 to Ch 60.00	1	30.00	0.90		27.00	
	Ch: 60.00 to Ch 90.00	1	30.00	0.90		27.00	
	Ch: 90.00 to Ch 96.00	1	6.00	0.90		5.40	
	Gap						
	Ch: 90.00 to Ch 103.70	1	7.70	0.90		6.93	
	Gap						
	Ch: 103.70 to Ch 113.20	1	9.50	0.90		8.55	
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00	0.90		27.00	
	Ch: 30.00 to Ch 60.00	1	30.00	0.90		27.00	
	Ch: 60.00 to Ch 82.60	1	22.60	0.90		20.34	

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Ramaj Engineer
Asst. Engineer 19/4/2021

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	2nd B Cross						
	LHS						
	Ch: 0.00 to Ch 30.00	1	30.00	0.90		27.00	
	Ch: 30.00 to Ch 31.20	1	1.20	0.90		1.08	
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00	0.90		27.00	
	Ch: 30.00 to Ch 45.00	1	15.00	0.90		13.50	
	4th Cross						
	LHS						
	Ch: 0.00 to Ch 30.00	1	30.00	0.90		27.00	
	Ch: 30.00 to Ch 40.50	1	10.50	0.90		9.45	
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00	0.90		27.00	
	Ch: 30.00 to Ch 39.80	1	9.80	0.90		8.82	
	Cross Road						
	LHS						
	Ch: 0.00 to Ch 30.00	1	30.00	0.90		27.00	
	Ch: 30.00 to Ch 60.00	1	30.00	0.90		27.00	
	Ch: 60.00 to Ch 80.40	1	20.40	0.90		18.36	
					Present Qty	**1835.10**	**Sqm**
	At Rs.2452.68/Sqm=1835.10*2452.68=4500913.07						

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Ramanjaneyaraju
Asst. Engineer
19/4/2021

Asst. Exec. Engineer

Name of Work: Improvements to roads and drains at 4th A Cross and 1st B Main and surrounding area of B Sector in Ward No.04

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
14	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.						
	For Kerb Stone						
	Ganesha Park						
	6th A Main Road						
	LHS						
	Ch: 0.00 to Ch 30.00	1	30.00			30.00	
	Ch: 30.00 to Ch 52.70	1	22.70			22.70	
	Culvert						
	Ch: 52.70 to Ch 82.70	1	30.00			30.00	
	Ch: 82.70 to Ch 112.70	1	30.00			30.00	
	Ch: 112.70 to Ch 142.70	1	30.00			30.00	
	Ch: 142.70 to Ch 172.70	1	30.00			30.00	
	Ch: 172.70 to Ch 202.70	1	30.00			30.00	
	Ch: 202.70 to Ch 232.70	1	30.00			30.00	
	Ch: 232.70 to Ch 262.70	1	30.00			30.00	
	Ch: 262.70 to Ch 282.70	1	19.30			19.30	
	Culvert						
	Ch: 282.70 to Ch 312.70	1	30.00			30.00	
	Ch: 312.70 to Ch 342.70	1	30.00			30.00	
	Ch: 342.70 to Ch 357.20	1	15.20			15.20	
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00			30.00	
	Ch: 30.00 to Ch 45.10	1	15.10			15.10	
	Gap						
	Ch: 45.10 to Ch 72.10	1	27.00			27.00	
	Gap						
	Ch: 72.10 to Ch 102.10	1	30.00			30.00	
	Ch: 102.10 to Ch 123.30	1	21.20			21.20	
	Gap						
	Ch: 123.30 to Ch 136.20	1	12.90			12.90	
	Gap						
	Ch: 136.20 to Ch 143.80	1	7.60			7.60	
	Gap						

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Ramesan Teerth.
Asst. Engineer
30/04/2021

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 143.80 to Ch 171.00	1	27.20			27.20	
	Gap						
	Ch: 171.00 to Ch 201.00	1	30.00			30.00	
	Ch: 201.00 to Ch 223.70	1	22.70			22.70	
	Road Gap						
	Ch: 223.70 to Ch 227.40	1	3.70			3.70	
	Gap						
	Ch: 227.40 to Ch 229.60	1	2.20			2.20	
	Gap						
	Ch: 229.60 to Ch 234.90	1	5.30			5.30	
	Gap						
	Ch: 224.90 to Ch 250.00	1	15.10			15.10	
	12th A Cross						
	LHS						
	Ch: 0.00 to Ch 21.50	1	21.50			21.50	
	Shankarnag Park						
	12th B Cross From 4th B Main Rd						
	LHS						
	Ch: 0.00 to Ch 30.00	1	30.00			30.00	
	Ch: 30.00 to Ch 60.00	1	30.00			30.00	
	Ch: 60.00 to Ch 90.00	1	30.00			30.00	
	Ch: 90.00 to Ch 113.20	1	23.20			23.20	
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00			30.00	
	Ch: 30.00 to Ch 60.00	1	30.00			30.00	
	Ch: 60.00 to Ch 74.20	1	14.20			14.20	
	Gap						
	Ch: 74.20 to Ch 104.00	1	29.80			29.80	
	3rd B Main From 12th B Cross						
	LHS						
	Ch: 0.00 to Ch 30.00	1	30.00			30.00	
	Ch: 30.00 to Ch 60.00	1	30.00			30.00	
	Ch: 60.00 to Ch 90.00	1	30.00			30.00	
	Ch: 90.00 to Ch 120.00	1	30.00			30.00	
	Ch: 120.00 to Ch 124.50	1	4.50			4.50	
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00			30.00	
	Ch: 30.00 to Ch 60.00	1	30.00			30.00	
	Ch: 60.00 to Ch 82.60	1	22.60			22.60	
	Gap						
	Ch: 82.60 to Ch 112.60	1	30.00			30.00	
	Ch: 112.60 to Ch 116.60	1	4.00			4.00	

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Ramasanjeevaiah
Asst. Engineer
30/4/2021

Asst. Exec. Engineer

Name of Work:Improvements to roads and drains at 4th A Cross and 1st B Main and surrounding area of B Sector in Ward No.04

Detailed Measurements									
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
E1	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and								
	Vide Premeasurement page no.					108.50			
					Present Qty	**108.50**	**Cum**	**85.03**	**9225.68**
E2	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.								
	Vide Premeasurement page no.					361.65			
					Present Qty	**361.65**	**Cum**	**6.68**	**2415.10**

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Assistant Engineer

Asst. Executive Engineer

surrounding areas of B ...

Name of Work:Improvements to roads and drains at 4th A Cross and 1st B Main and surrounding area of B Sector in Ward No.04

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
E3	Cement concrete pavement Construction of un-reinforced plain cement concrete pavement, Thickness as per design, over a prepared sub base with 53 grade cement or any other type as per clause 1501.2.2 M30 (Grade) coarse and fine aggregate conforming to IS: 383 maximum size of coarse aggregate not exceeding 25mm , mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weight batcher as per approved mix design laid in approved fixed of 125 micron thick polythene film, wedges steel plates including levelling the form work as per drawing) Spreading the concrete with shovels rackers compacted using needle screed and plate vibrator and						
	CC ROAD						
	3rd B Cross Road						
	Ch: 0.00 to 15.00	1	15.00	(4.00 + 4.30)/2	0.15	9.34	
	Ch: 15.00 to 30.00	1	15.00	(4.30 + 4.70)/2	0.15	10.13	
	Ch: 30.00 to 45.00	1	15.00	(4.70 + 4.70)/2	0.15	10.58	
	4th Cross Road						
	Ch: 0.00 to 15.00	1	15.00	(5.40 + 4.30)/2	0.15	10.91	
	Ch: 15.00 to 30.00	1	15.00	(4.30 + 3.20)/2	0.15	8.44	
	Ch: 30.00 to 40.80	1	10.80	(3.20 + 2.80)/2	0.15	4.86	
					Present Qty	**54.25**	**Cum**
					At Rs.5471.51/Cum=54.25*5471.51=	**296815.63**	
					Total	**18335108.87**	
					GST 12%	**1648394.49**	
					Grand Total	**19983503.36**	

Contractor

NEWZEN CONSULTANT Bangalore

Ramanjeevaiah
Asst. Engineer
9/06/2021.

Asst. Exec. Engineer

surrounding areas of B

Name of Work: Improvements to roads and drains at 4th A Cross and 1st B Main and surrounding area of B Sector in Ward No.04

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	KSRRB 300-1. **Earthwork excavation by manual means for roads, drains** & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications						
	RCC Drain						
	Ganesha Park						
	6th A Main Road						
	LHS						
	Ch: 0.00 to Ch 30.00	1	30.00	1.10	0.90	29.70	
	Ch: 30.00 to Ch 52.70	1	22.70	1.10	0.90	22.47	
	Culvert						
	Ch: 52.70 to Ch 82.70	1	30.00	1.10	0.90	29.70	
	Ch: 82.70 to Ch 112.70	1	30.00	1.10	0.90	29.70	
	Ch: 112.70 to Ch 142.70	1	30.00	1.10	0.90	29.70	
	Ch: 142.70 to Ch 172.70	1	30.00	1.10	0.90	29.70	
	Ch: 172.70 to Ch 202.70	1	30.00	1.10	0.90	29.70	
	Ch: 202.70 to Ch 232.70	1	30.00	1.10	0.90	29.70	
	Ch: 232.70 to Ch 262.70	1	30.00	1.10	0.90	29.70	
	Ch: 262.70 to Ch 282.70	1	19.30	1.10	0.90	19.11	
	Culvert						
	Ch: 282.70 to Ch 312.70	1	30.00	1.10	0.90	29.70	
	Ch: 312.70 to Ch 342.70	1	30.00	1.10	0.90	29.70	
	Ch: 342.70 to Ch 357.20	1	15.20	1.10	0.90	15.05	
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00	1.10	0.90	29.70	
	Ch: 30.00 to Ch 45.10	1	15.10	1.10	0.90	14.95	
	Gap						
	Ch: 45.10 to Ch 72.10	1	27.00	1.10	0.90	26.73	
	Gap						
	Ch: 72.10 to Ch 102.10	1	30.00	1.10	0.90	29.70	
	Ch: 102.10 to Ch 123.30	1	21.20	1.10	0.90	20.99	
	Gap						
	Ch: 123.30 to Ch 136.20	1	12.90	1.10	0.90	12.77	
	Gap						
	Ch: 136.20 to Ch 143.80	1	7.60	1.10	0.90	7.52	
	Gap						
	Ch: 143.80 to Ch 171.00	1	27.20	1.10	0.90	26.93	

NEWZEN CONSULTANT Consultant Bangalore

Contractor

Asst. Engineer 31/12/2020

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 0.00 to Ch 30.00	1	30.00	1.10	1.00	33.00	
	Ch: 30.00 to Ch 31.20	1	1.20	1.10	1.00	1.32	
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00	1.10	1.00	33.00	
	Ch: 30.00 to Ch 45.00	1	15.00	1.10	1.00	16.50	
	4th Cross						
	LHS						
	Ch: 0.00 to Ch 30.00	1	30.00	1.10	1.00	33.00	
	Ch: 30.00 to Ch 40.50	1	10.50	1.10	1.00	11.55	
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00	1.10	1.00	33.00	
	Ch: 30.00 to Ch 39.80	1	9.80	1.10	0.90	9.70	
	Cross Road						
	LHS						
	Ch: 0.00 to Ch 30.00	1	30.00	1.10	1.00	33.00	
	Ch: 30.00 to Ch 60.00	1	30.00	1.10	1.00	33.00	
	Ch: 60.00 to Ch 80.40	1	20.40	1.10	1.00	22.44	
	Culvert						
	6th A Main Road	1	5.00	1.50	1.00	7.50	
		1	9.30	1.50	1.00	13.95	
					Present Qty	**2182.741**	**Cum**

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

31/12/2020

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	13th B Cross From 3rd B Main						
	LHS						
	Ch: 0.00 to Ch 30.00	1	30.00	1.10	0.15	4.95	
	Ch: 30.00 to Ch 60.00	1	30.00	1.10	0.15	4.95	
	Ch: 60.00 to Ch 90.00	1	30.00	1.10	0.15	4.95	
	Ch: 90.00 to Ch 105.50	1	15.50	1.10	0.15	2.56	
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00	1.10	0.15	4.95	
	Ch: 30.00 to Ch 60.00	1	30.00	1.10	0.15	4.95	
	Ch: 60.00 to Ch 90.00	1	30.00	1.10	0.15	4.95	
	Ch: 90.00 to Ch 105.30	1	15.30	1.10	0.15	2.52	
	4th B Main Road						
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00	1.10	0.15	4.95	
	Road Gap						
	Ch: 30.00 to Ch 60.00	1	30.00	1.10	0.15	4.95	
	Ch: 60.00 to Ch 90.00	1	30.00	1.10	0.15	4.95	
	Ch: 90.00 to Ch 112.00	1	22.00	1.10	0.15	3.63	
	10th B Cross Road						
	LHS						
	Ch: 0.00 to Ch 30.00	1	30.00	1.10	0.15	4.95	
	Ch: 30.00 to Ch 60.00	1	30.00	1.10	0.15	4.95	
	Ch: 60.00 to Ch 90.00	1	30.00	1.10	0.15	4.95	
	Ch: 90.00 to Ch 120.00	1	30.00	1.10	0.15	4.95	
	Ch: 120.00 to Ch 150.00	1	30.00	1.10	0.15	4.95	
	Ch: 150.00 to Ch 180.00	1	30.00	1.10	0.15	4.95	
	Ch: 180.00 to Ch 210.00	1	30.00	1.10	0.15	4.95	
	Ch: 210.00 to Ch 214.30	1	4.30	1.10	0.15	0.71	
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00	1.10	0.15	4.95	
	Ch: 30.00 to Ch 51.60	1	21.60	1.10	0.15	3.56	
	Road Gap						
	Ch: 51.60 to Ch 81.60	1	30.00	1.10	0.15	4.95	
	Ch: 81.60 to Ch 111.60	1	30.00	1.10	0.15	4.95	
	Ch: 111.60 to Ch 141.60	1	30.00	1.10	0.15	4.95	
	Ch: 141.60 to Ch 164.30	1	22.70	1.10	0.15	3.75	
	Road Gap						
	Ch: 164.30 to Ch 194.30	1	30.00	1.10	0.15	4.95	
	Ch: 194.30 to Ch 198.60	1	4.30	1.10	0.15	0.71	
	2nd B Cross						
	LHS						
	Ch: 0.00 to Ch 30.00	1	30.00	1.10	0.15	4.95	
	Ch: 30.00 to Ch 31.20	1	1.20	1.10	0.15	0.20	

NEWZEN CONSULTANT Consultant Bangalore

Ramesan Jeevaraj
Asst. Engineer

19/01/2021

Asst. Exec. Engineer

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	CC ROAD						
	2nd B Cross Road						
	Ch: 0.00 to 15.00	1	15.00	(4.00 + 4.30)/2	0.15	9.34	
	Ch: 15.00 to 30.00	1	15.00	(4.30 + 4.70)/2	0.15	10.13	
	Ch: 30.00 to 45.00	1	15.00	(4.70 + 4.70)/2	0.15	10.58	
	4th Cross Road						
	Ch: 0.00 to 15.00	1	15.00	(5.40 + 4.30)/2	0.15	10.91	
	Ch: 15.00 to 30.00	1	15.00	(4.30 + 3.20)/2	0.15	8.44	
	Ch: 30.00 to 40.80	1	10.80	(3.20 + 2.80)/2	0.15	4.86	
					Present Qty	54.25	**Cum**
						430.35	

NEWZEN CONSULTANT Consultant Bangalore

Rameshsanjeevaiah

Asst. Engineer 19/01/2021

Asst. Exec. Engineer

Name of Work:Improvements to roads and drains at 4th A Cross and 1st B Main and surrounding area of B Sector in Ward No.04

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
10	Providing and laying **plain/reinforced cement concrete** for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm.						
	RCC Drain						
	Bottom Slab						
	Ganesha Park						
	6th A Main Road						
	LHS						
	Ch: 0.00 to Ch 30.00	1	30.00	0.90	0.15	4.05	
	Ch: 30.00 to Ch 52.70	1	22.70	0.90	0.15	3.06	
	Culvert						
	Ch: 52.70 to Ch 82.70	1	30.00	0.90	0.15	4.05	
	Ch: 82.70 to Ch 112.70	1	30.00	0.90	0.15	4.05	
	Ch: 112.70 to Ch 142.70	1	30.00	0.90	0.15	4.05	
	Ch: 142.70 to Ch 172.70	1	30.00	0.90	0.15	4.05	
	Ch: 172.70 to Ch 202.70	1	30.00	0.90	0.15	4.05	
	Ch: 202.70 to Ch 232.70	1	30.00	0.90	0.15	4.05	
	Ch: 232.70 to Ch 262.70	1	30.00	0.90	0.15	4.05	
	Ch: 262.70 to Ch 282.70	1	19.30	0.90	0.15	2.61	
	Culvert						
	Ch: 282.70 to Ch 312.70	1	30.00	0.90	0.15	4.05	
	Ch: 312.70 to Ch 342.70	1	30.00	0.90	0.15	4.05	
	Ch: 342.70 to Ch 357.20	1	15.20	0.90	0.15	2.05	
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00	0.90	0.15	4.05	
	Ch: 30.00 to Ch 45.10	1	15.10	0.90	0.15	2.04	
	Gap						
	Ch: 45.10 to Ch 72.10	1	27.00	0.90	0.15	3.65	
	Gap						
	Ch: 72.10 to Ch 102.10	1	30.00	0.90	0.15	4.05	
	Ch: 102.10 to Ch 123.30	1	21.20	0.90	0.15	2.86	
	Gap						

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer 22/03/2021

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00	0.45	0.15	2.03	
	Ch: 30.00 to Ch 60.00	1	30.00	0.45	0.15	2.03	
	Ch: 60.00 to Ch 74.20	1	14.20	0.45	0.15	0.96	
	3rd B Main From 12th B Cross						
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00	0.45	0.15	2.03	
	Ch: 30.00 to Ch 60.00	1	30.00	0.45	0.15	2.03	
	Ch: 60.00 to Ch 82.60	1	22.60	0.45	0.15	1.53	
	13th B Cross From 3rd B Main						
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00	0.45	0.15	2.03	
	Ch: 30.00 to Ch 60.00	1	30.00	0.50	0.15	2.25	
	Ch: 60.00 to Ch 90.00	1	30.00	0.50	0.15	2.25	
	Ch: 90.00 to Ch 105.30	1	15.30	0.45	0.15	1.03	
	4th B Main Road						
	RHS						
	Ch: 0.00 to Ch 30.00	1	30.00	0.45	0.15	2.03	
	Road Gap						
	Ch: 30.00 to Ch 60.00	1	30.00	0.45	0.15	2.03	
	Ch: 60.00 to Ch 90.00	1	30.00	0.45	0.15	2.03	
	Ch: 90.00 to Ch 112.00	1	22.00	0.45	0.15	1.49	
					Present Qty	**748.36**	**Cum**

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Ramasan jeevrial

Asst. Engineer 22/03/2021

Asst. Exec. Engineer

Name of Work:Improvements to roads and drains at 4th A Cross and 1st B Main and surrounding area of B Sector in Ward No.04

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
11	KSRB 4.9.2 : Providing **T.M.T steel reinforcement** for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification.						
	RCC Drain						
	Ganesha Park						
	6th A Main Road						
	LHS						
	Total Drain Length=357.20m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @140mm c/c						
	d=0.61kg/m						
	No of U Bars=2858	2858	2.15		0.61	3748.27	
	No of distrubution Bars=15	15	357.20		0.61	3268.38	
	RHS						
	Total Drain Length=251.20m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @140mm c/c						
	d=0.61kg/m						
	No of U Bars=2010	2010	2.15		0.61	2636.12	
	No of distrubution Bars=15	15	251.20		0.61	2298.48	
	12th A Cross						
	LHS						
	Total Drain Length=21.50m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @140mm c/c						
	d=0.61kg/m						
	No of U Bars=172	172	2.15		0.61	225.58	
	No of distrubution Bars=15	15	21.50		0.61	196.73	
	Shankarnag Park						
	12th B Cross From 4th B Main Rd						
	LHS						

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Ramasanjeevaiah
Asst. Engineer

30/01/2021

Asst. Exec. Engineer

Name of Work:Improvements to roads and drains at 4th A Cross and 1st B Main and surrounding area of B Sector in Ward No.04

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
E1	KSRRB M300-14. **Excavation for roadwork in all types of soil** by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification .						
	CC ROAD						
	2nd B Cross Road						
	Ch: 0.00 to 15.00	1	15.00	(4.00 + 4.30)/2	0.30	18.68	
	Ch: 15.00 to 30.00	1	15.00	(4.30 + 4.70)/2	0.30	20.25	
	Ch: 30.00 to 45.00	1	15.00	(4.70 + 4.70)/2	0.30	21.15	
	4th Cross Road						
	Ch: 0.00 to 15.00	1	15.00	(5.40 + 4.30)/2	0.30	21.83	
	Ch: 15.00 to 30.00	1	15.00	(4.30 + 3.20)/2	0.30	16.88	
	Ch: 30.00 to 40.80	1	10.80	(3.20 + 2.80)/2	0.30	9.72	
					Present Qty	**108.50**	**Cum**

NEWZEN CONSULTANT Consultant Bangalore

Ramasangeerah.

Asst. Engineer 26/03/2021

Asst. Exec. Engineer

R sector in ward -04

Name of Work:Improvements to roads and drains at 4th A Cross and 1st B Main and surrounding area of B Sector in Ward No.04

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
E2	KSRRB 300-58. **Compaction of original ground** by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.						
	CC ROAD						
	2nd B Cross Road						
	Ch: 0.00 to 15.00	1	15.00	(4.00 + 4.30)/2		62.25	
	Ch: 15.00 to 30.00	1	15.00	(4.30 + 4.70)/2		67.50	
	Ch: 30.00 to 45.00	1	15.00	(4.70 + 4.70)/2		70.50	
	4th Cross Road						
	Ch: 0.00 to 15.00	1	15.00	(5.40 + 4.30)/2		72.75	
	Ch: 15.00 to 30.00	1	15.00	(4.30 + 3.20)/2		56.25	
	Ch: 30.00 to 40.80	1	10.80	(3.20 + 2.80)/2		32.40	
					Present Qty	**361.65**	**Sqm**

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NEWZEN CONSULTANT Consultant Bangalore

Ramasangreesh.

Asst. Engineer 27/03/2021

Asst. Exec. Engineer